



DIN 35mm

Features :

- 1Ø - 2 Wire, 3Ø - 3 Wire, 3Ø - 4 Wire Input
- Monitors Under Current, Over Current & Current Asymmetry
- True RMS measurement
- Power ON delay, Trip time delay and Recovery time delay
- Adjustable switching hysteresis
- One alarm relay with NC or NO operation selectable
- DIN Rail Mount

Display Specifications

Type	Digital
Display	Liquid Crystal Display without backlight
No of LED's	2
No of Push Button	3

LED Indication Chart

Condition	'ON' LED	'R' LED
Nominal Condition	ON	OFF
Fault Condition	ON	ON

Input Specifications

Functions	
Measurements	Under current, Over current and Current asymmetry
Time Settings	Power ON delay, Trip time delay, Recovery time delay
Alarm Indications	Trip
Latching	Selectable
Reset	Auto / Manual
Electrical Connection	1Ø - 2 wire, 3Ø - 3 wire, 3Ø - 4 wire
CT Settings	
CT Primary	1A / 5A - 999A
CT Secondary	1A / 5A (Selectable)
Current Rating	
Measuring Range (RMS Value)	0 - 1.19kA
Trip Settings	
Under Current Protection	0 - 999A
Over Current Protection	0.5A - 1.19kA
Current Asymmetry	5.0 - 99.9%

Trip Time Settings

Power ON Delay	0.5 - 99.9sec
Trip Time Delay	0 - 99.9sec
Recovery Time Delay	0 - 99.9sec
Response Time	<200ms

Hysteresis

Current	0.1 - 99.9A
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Resolution

Current	0.01, 0.1, 1A, 0.01kA
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Accuracy

Current	±1% of Setting, ±2 digits
Time Setting Accuracy	±5% of Setting, ± 200ms

Output Specifications

No. of Relays	1
Type of output	1C / O (SPDT)
Relay Rating	NO : 5A, 250V AC NC : 3A, 250V AC

Auxiliary Supply Specifications

Supply Voltage	230V AC, 110V AC, ±15%
Frequency	45 - 65Hz
VA Rating	12VA max

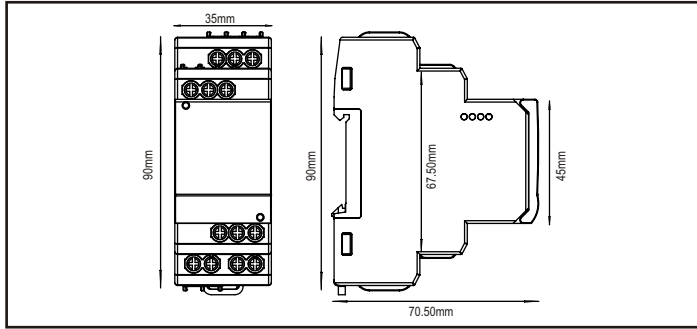
Environmental Specifications

Temperature	Operating Temperature : 0°C to +50°C Storage Temperature : -20°C to +70°C
Humidity (non-condensing)	Upto 95% RH
Pollution Degree	2

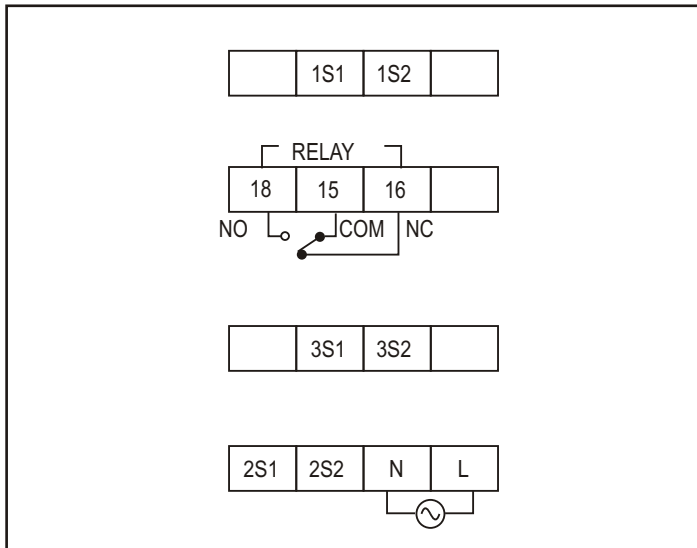
Mechanical Specifications

Mounting	Din Rail
Weight	146gms
Screw tightening torque	0.5 NM

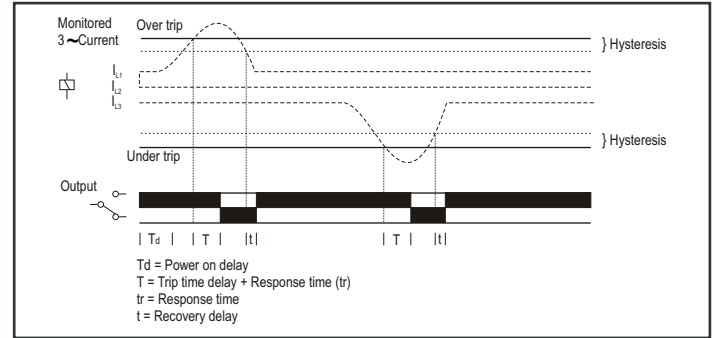
Dimensions



Terminal Connections



Timing Diagram



Ordering Information

Product Code	Supply Voltage	Certification
900CPR-3-230V	230V AC	---